

UD1C1

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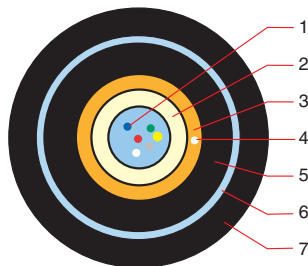
DIN: A-DQ(ZN)2Y(SR)2Y



Unitube, corrugated steel tape armour fibre optic cable

Applications

Outdoor fibre optic cable for ducts, trays and direct burial applications



Design

1. optical fibres
2. central tube (jelly filled)
3. tensile strength elements
4. ripcord (optional)
5. inner PE sheath
6. corrugated steel tape
7. outer PE sheath

Product description

The colour-coded optical fibres are located in a central loose tube filled with a thixotropic gel.

The glass tensile strength elements provide the cable with excellent mechanical strength characteristics.

The steel armour, embedded between the black inner and outer PE sheath, provides the cable with a very efficient rodent protection and an excellent resistance to compression, feature required for direct burial.

The cable is longitudinally water-tight.



UD1C1

Technical data

UD1C1 (A-DQ(ZN)2Y(SR)2Y)		
Fibre count (*)		4, 6, 8, 12, 24
Central tube diameter	(mm)	3,5
Cable diameter (approx.)	(mm)	11,5
Outer sheath thickness	(mm)	1,5
Linear weight	(kg per km)	130
Max. tensile strength		
- short term (installation)	(N)	1.700
- long term (operation)	(N)	1.100
Crush resistance	(N/10cm)	2.000
Bending radius (minimum)		
- under load		15 x cable diameter
- without load		10 x cable diameter
Temperature range		
- storage	(°C)	- 30 to + 70
- installation	(°C)	- 5 to + 50
- operation	(°C)	- 20 to + 70
Calorific potential	(MJ)	1,5
Tested according to		IEC 60794-1

(*) other fibre counts are available on request

Marking

"EUPEN + fibre count/fibre type + meter marking"

Standard manufacturing length:
4.000 m, +/- 2%